

IN THE CLAIMS

1. (original): A composition comprising material encapsulated within shell capsules, each capsule comprising an encapsulating wall having an inner surface and an outer surface, with a coating on the inner surface and/or outer surface of the shell wall; and surfactant and/or solvent.
2. (original): A composition according to claim 1, wherein the composition is a product, particularly a consumer product.
3. (original): A composition according to claim 2, wherein the product is a water-based product.
4. (currently amended): A composition according to ~~any one of the preceding claims~~ claim 1, wherein the encapsulated material comprises a first material which is at least partially, preferably substantially and more preferably completely soluble, in the surfactant and/or solvent of the composition.
5. (original): A composition according to claim 4, wherein the first material is a perfume.
6. (original): A composition according to claim 4, wherein the first material is a dental flavour.
7. (original): A composition according to claim 4, wherein the first material is an agrichemical.
8. (original): A composition according to claim 4, wherein the first material is a cosmetic ingredient.
9. (original): A composition according to claim 4, wherein the first material is an insect repellent.

10. (original): A composition according to claim 4, wherein the first material is an antimicrobial agent or a deodorant active.
11. (original): A composition according to claim 5, wherein the perfume is in the form of a perfume composition, which comprises at least 80% and preferably at least 90% by weight of the total weight of the perfume composition of perfume materials having an octanol-water partition coefficient of greater than 2.5 (in logarithmic form to base 10).
12. (original): A composition according to claim 11, wherein less than 35%, and preferably less than 20%, by weight of the total weight of the perfume composition comprises perfume materials having an octanol-water partition coefficient of greater than 5 (in logarithmic form to base 10).
13. (currently amended): A composition according to ~~any one of the preceding claims~~ claim 1, wherein the shell capsules are prepared by coacervation, interfacial polymerisation or polycondensation.
14. (original): A composition according to claim 13, wherein the shell capsules are aminoplast capsules.
15. (original): A composition according to claim 14, wherein the shell capsules are aminoplast capsules, based on melamine, singly or in combination with other suitable amines, crosslinking agents and secondary polymers.
16. (original): A composition according to claim 14, wherein the aminoplast capsules comprise a mixed resin of urea/formaldehyde, maleic anhydride copolymer(s) and melamine/formaldehyde polymers.
17. (currently amended): A composition according to ~~any one of the preceding claims~~ claim 1, wherein the shell capsules have a diameter in the range 1 to 500 microns, preferably 1 to 300 microns, more preferably 1 to 50 microns, most preferably 1 to 10 microns.

18. (currently amended): A composition according to ~~any one of the preceding claims~~ claim 1, wherein the inner surface of the shell wall is coated with a film-forming polymer.

19. (original): A composition according to claim 18, wherein the polymer is selected from: poly(ethylene-maleic anhydride), polyamine, waxes e.g. carbowax, polyvinylpyrrolidone (PVP) and its co-polymers such as polyvinylpyrrolidone-ethyl acrylate (PVP-EA), polyvinylpyrrolidone-vinyl acrylate, polyvinylpyrrolidone methylacrylate (PVP-MA), polyvinylpyrrolidone/vinyl acetate, polyvinyl acetal, polyvinyl butyral, polysiloxane, poly(propylene/maleic anhydride), maleic anhydride derivatives and co-polymers of the above, e.g. polyvinyl methyl ether/maleic anhydride.

20. (original): A composition according to claim 19, wherein the polymer is selected from: polyvinylpyrrolidone (PVP) and its co-polymers such as polyvinylpyrrolidone-ethyl acrylate (PVP-EA), polyvinylpyrrolidone-vinyl acrylate, polyvinylpyrrolidone methylacrylate (PVP-MA), polyvinylpyrrolidone/vinyl acetate.

21. (currently amended): A composition according to ~~any one of the preceding claims~~ claim 1, wherein the outer surface of the shell wall is coated with a high molecular weight, film-forming polymer, which may optionally be crosslinked.

22. (original): A composition according to claim 21, wherein the polymer is water-soluble.

23. (currently amended): A composition according to claim 21 ~~or 22~~, wherein the polymer is selected from: polyvinyl alcohol, styrene-butadiene latex, gelatin, gum arabic, carboxymethyl cellulose, carboxymethyl hydroxyethyl cellulose, hydroxyethyl cellulose, other modified celluloses, sodium alginate, chitosan, casein, pectin, modified starch, polyvinyl acetal, polyvinyl butyral, polyvinyl methyl ether/maleic anhydride, polyvinyl pyrrolidone (PVP) and its co-polymers (e.g. polyvinylpyrrolidone/vinyl acetate (PVP/VA) poly(vinylpyrrolidone/dimethylaminoethyl methacrylate) (PVP/DMAEMA), poly(vinylpyrrolidone/methacrylamidopropyl trimethyl ammonium chloride), melamine-formaldehyde and urea-formaldehyde.

24. (original): A composition according to claim 23, wherein the polymer is selected from polyvinyl alcohol, polyvinyl pyrrolidone (PVP) and its co-polymers (e.g. polyvinylpyrrolidone/vinyl acetate (PVP/VA) poly(vinyl pyrrolidone/dimethylaminoethyl methacrylate) (PVP/DMAEMA), poly(vinyl pyrrolidone/methacrylamidopropyl trimethyl) ammonium chloride).

25. (currently amended): A composition according to ~~any one of the preceding claims~~ claim 1, wherein the coated shell capsules have a wall thickness in the range of 0.01 to 30 microns, preferably 0.01 to 5 microns, more preferably 0.03 to 1 microns, most preferably 0.03 to 0.5 microns.

26. (currently amended): A composition according to ~~any one of the preceding claims~~ claim 1, wherein the weight ratio of shell wall material to encapsulated material is in the range of 1:10 to 3:2 and preferably in the range 1:10 to 1:2.

27. (currently amended): A composition according to ~~any one of the preceding claims~~ claim 1, wherein the weight ratio of solvent/surfactant: capsules in the composition is in the range 100:1 to 5:1.

28. (original): Capsules comprising encapsulated material, the material being encapsulated within shell capsules, each capsule comprising an encapsulating wall having an inner surface and an outer surface, with a coating on the inner surface and/or outer surface of the shell wall.

29. (original): Capsules according to claim 28, wherein the encapsulated material comprises a first material which is at least partially, preferably substantially and more preferably completely soluble, in surfactant solution and/or solvent.

30. (original): Capsules according to claim 29, wherein the first material is a perfume.

31. (original): Capsules according to claim 29, wherein the first material is a dental flavour.

32. (original): Capsules according to claim 29, wherein the first material is an agrichemical.
33. (original): Capsules according to claim 29, wherein the first material is a cosmetic ingredient.
34. (original): Capsules according to claim 29, wherein the first material is an insect repellent.
35. (original): Capsules according to claim 29, wherein the first material is an antimicrobial agent or a deodorant active.
36. (original): Capsules according to claim 30, wherein the perfume is in the form of a perfume composition, which comprises at least 80% and preferably at least 90% by weight of the total weight of the perfume composition of perfume materials having an octanol-water partition coefficient of greater than 2.5 (in logarithmic form to base 10).
37. (original): Capsules according to claim 36, wherein less than 35%, and preferably less than 20%, by weight of the total weight of the perfume composition comprises perfume materials having an octanol-water partition coefficient of greater than 5 (in logarithmic form to base 10).
38. (currently amended): Capsules according to ~~any one of claims 28 to 37~~ claim 28, wherein the shell capsules are prepared by coacervation, interfacial polymerisation or polycondensation.
39. (original): Capsules according to claim 38, wherein the shell capsules are aminoplast capsules.
40. (original): Capsules according to claim 39, wherein the shell capsules are aminoplast capsules, based on melamine, singly or in combination with other suitable amines, crosslinking agents and secondary polymers.

41. (original): Capsules according to claim 39, wherein the aminoplast capsules comprise a mixed resin of urea/formaldehyde, maleic anhydride copolymer(s) and melamine/formaldehyde polymers.

42. (currently amended): Capsules according to ~~any one of claims 28 to 41~~ claim 28, wherein the shell capsules have a diameter in the range 1 to 500 microns, preferably 1 to 300 microns, more preferably 1 to 50 microns, most preferably 1 to 10 microns.

43. (currently amended): Capsules according to ~~any one of claims 28 to 42~~ claim 28, wherein the inner surface of the shell wall is coated with a film-forming polymer.

44. (original): Capsules according to claim 43, wherein the polymer is selected from: poly(ethylene-maleic anhydride), polyamine, waxes e.g. carbowax, polyvinylpyrrolidone (PVP) and its co-polymers such as polyvinylpyrrolidone-ethyl acrylate (PVP-EA), polyvinylpyrrolidone-vinyl acrylate, polyvinylpyrrolidone methylacrylate (PVP-MA), polyvinylpyrrolidone/vinyl acetate, polyvinyl acetal, polyvinyl butyral, polysiloxane, poly(propylene/maleic anhydride), maleic anhydride derivatives and co-polymers of the above, e.g. polyvinyl methyl ether/maleic anhydride.

45. (original): Capsules according to claim 44, wherein the polymer is selected from: polyvinylpyrrolidone (PVP) and its co-polymers such as polyvinylpyrrolidone-ethyl acrylate (PVP-EA), polyvinylpyrrolidone-vinyl acrylate, polyvinylpyrrolidone methylacrylate (PVP-MA), polyvinylpyrrolidone/vinyl acetate.

46. (currently amended): Capsules according to ~~any one of the claims 28 to 45~~ claim 28, wherein the outer surface of the shell wall is coated with a high molecular weight, film-forming polymer, which may optionally be crosslinked.

47. (original): Capsules according to claim 46, wherein the polymer is water-soluble.

48. (currently amended): Capsules according to claim 46 ~~or 47~~, wherein the polymer is selected from: polyvinyl alcohol, styrene-butadiene latex, gelatin, gum arabic, carboxymethyl cellulose, carboxymethyl hydroxyethyl cellulose, hydroxyethyl

cellulose, other modified celluloses, sodium alginate, chitosan, casein, pectin, modified starch, polyvinyl acetal, polyvinyl butyral, polyvinyl methyl ether/maleic anhydride, polyvinyl pyrrolidone (PVP) and its co-polymers (e.g. polyvinylpyrrolidone/vinyl acetate (PVP/VA) poly(vinylpyrrolidone/dimethylaminoethyl methacrylate) (PVP/DMAEMA), poly(vinylpyrrolidone/methacrylamidopropyl trimethyl ammonium chloride), melamine-formaldehyde and urea-formaldehyde.

49. (original): Capsules according to claim 48, wherein the polymer is selected from: polyvinyl alcohol, polyvinyl pyrrolidone (PVP) and its co-polymers (e.g. polyvinylpyrrolidone/vinyl acetate (PVP/VA) poly(vinyl pyrrolidone/dimethylaminoethyl methacrylate) (PVP/DMAEMA), poly(vinyl pyrrolidone/methacrylamidopropyl trimethyl ammonium chloride).

50. (currently amended): Capsules according to ~~any one of claims 28 to 49~~ claim 28, wherein the coated shell capsules have a wall thickness in the range 0.01 to 30 microns, preferably 0.01 to 5 microns, more preferably 0.03 to 1 microns, most preferably 0.03 to 0.5 microns.

51. (currently amended): Capsules according to ~~any one of claims 28 to 50~~ claim 28, wherein the weight ratio of shell wall material to encapsulated material is in the range 1:10 to 3:2 and preferably in the range 1:10 to 1:2.

52. (original): Capsules comprising encapsulated perfume, the perfume being encapsulated within an aminoplast capsule which comprises a coating of polyvinyl alcohol, polyvinyl pyrrolidone or a co-polymer of polyvinyl pyrrolidone on the outer surface of the shell, and/or a coating of a film-forming polymer on the inner surface.

53. (original): Capsules according to claim 52, wherein the capsule includes a coating on the outer surface of the shell comprising polyvinyl alcohol and/or poly(vinyl pyrrolidone/dimethylaminoethyl methacrylate).

54. (currently amended): Capsules according to claim 52 ~~or 53~~, wherein the capsules have a diameter in the range 1 to 50 microns, preferably 1 to 10 microns.

55. (currently amended): Capsules according to claim 52[,] ~~53 or 54~~, wherein the perfume is in the form of a perfume composition, which comprises at least 80% and preferably at least 90% by weight of the total weight of the perfume composition of perfume materials having an octanol-water partition coefficient of greater than 2.5 (in logarithmic form to base 10).

56. (original): Capsules according to claim 55, wherein less than 35%, and preferably less than 20%, by weight of the total weight of the perfume composition comprises perfume materials having an octanol-water partition coefficient of greater than 5 (in logarithmic form to base 10).

57. (currently amended): Capsules according to ~~any one of claims 52 to 56~~ claim 52, wherein the capsule includes a coating on the inner surface of the shell comprising one or more polymers selected from: poly(ethylene-maleic anhydride), polyamine, waxes e.g. carbowax, polyvinylpyrrolidone (PVP) and its co-polymers such as polyvinylpyrrolidone-ethyl acrylate (PVP-EA), polyvinylpyrrolidone-vinyl acrylate, polyvinylpyrrolidone methylacrylate (PVP-MA), polyvinylpyrrolidone/vinyl acetate, polyvinyl acetal, polyvinyl butyral, polysiloxane, poly(propylene/maleic anhydride), maleic anhydride derivatives and co-polymers of the above, e.g. polyvinyl methyl ether/maleic anhydride.